

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (original): A torque sensitive sanitary diaphragm valve comprising: (a) a housing having a flow housing area with a shape for the transfer of solution through the flow housing area and a stem housing area with a first opening attached to the flow housing area and a second opening threaded; (b) a stem with a top, a middle counter-threaded for the stem housing's second opening, and a bottom shaped to mate with the shape of the flow housing area; (c) a handle; (d) a diaphragm with a chemical contact side and a stem contact side located in the first opening of the stem housing between the stem and the flow housing area; and (e) a slipping mechanism located between the handle and the stem.

Claim 2 (withdrawn): A torque sensitive sanitary diaphragm valve comprising: (a) a housing having a flow housing area with a shape for the transfer of solution through the flow housing area and a stem housing area with a first opening attached to the flow housing area, a second opening, and a handle attachment area threaded; (b) a stem with a top, a middle enclosed in the stem housing area, and a bottom shaped to mate with the shape of the flow housing area; (c) a handle counter-threaded for attachment to the stem housing attachment area and affixed to the stem allowing the handle to pivot without rotation of the stem; (d) a diaphragm with a chemical contact side and a stem contact side located in the first opening of the stem housing between the stem and the flow housing area; and (e) a slipping mechanism located either between the stem

housing and the stem housing's threaded handle attachment area or between the handle and the handle's counter-threaded stem housing attachment area.

Claim 3 (withdrawn): A torque sensitive sanitary diaphragm valve comprising (a) a housing having a flow housing area with a shape for the transfer of solution through the flow housing area and a stem housing area with a first opening attached to the flow housing area a second opening, and a handle attachment area; (b) a stem with a top and a middle both threaded as an area for attachment of the handle and a bottom shaped to mate with the shape of the flow housing area; (c) a handle counter-threaded for attachment to the threaded stem's handle attachment area and attached to the stem housing allowing the handle to pivot without rotation of the stem housing. (d) a diaphragm with a chemical contact side and a stem contact side located in the first opening of the stem housing between the stem and the flow housing area; and (e) a slipping mechanism located between the handle and the stem.

Claim 4 (withdrawn): A pharmaceutical valve for use with biological and chemical transfer equipment having a housing with a flowing housing area having a shape for the transfer of a solution through the flow housing area, and a stem housing area having a first opening attached to the flow housing area and a second opening threaded for vertical motion within the stem housing area, the pharmaceutical valve comprising: a stem with a top, a middle counter-threaded for the stem housing's second opening, and a bottom shaped to mate with the shape of the flow housing area; a handle; a diaphragm with a chemical contact side and a stem contact side located in the first opening of the stem housing between the stem and the flow housing area; and a slipping mechanism located between the handle and the stem.

Claim 5 (withdrawn): A pharmaceutical valve for use with biological and chemical transfer equipment having a housing with a flowing housing area having a shape for the transfer of a solution through the flow housing area, and a stem housing area having a first opening attached to the flow housing area and a second opening threaded for vertical motion within the stem housing area, the pharmaceutical valve comprising: a stem with a top, a middle counter-threaded for the stem housing's second opening, and a bottom shaped to mate with the shape of the flow housing area; a handle counter-threaded for attachment to the stem housing attachment area and affixed to the stem allowing the handle to pivot without rotation of the stem; a diaphragm with a chemical contact side and a stem contact side located in the first opening of the stem housing between the stem and the flow housing area; and a slipping mechanism located either between the stem housing and the stem housing's threaded handle attachment area or between the handle and the handle's counter-threaded stem housing attachment area.

Claim 6 (withdrawn): A pharmaceutical valve for use with biological and chemical transfer equipment having a housing with a flowing housing area having a shape for the transfer of a solution through the flow housing area, and a stem housing area having a first opening attached to the flow housing area and a second opening having a handle attachment area for vertical motion within the stem housing area, the pharmaceutical valve comprising: a stem with a top and a middle both threaded as an area for attachment of the handle, and a bottom shaped to mate with the shape of the flow housing area; a handle counter-threaded for attachment to the threaded stem's handle attachment area and attached to the stem housing allowing the handle to pivot without rotation of the stem housing; a diaphragm with a chemical contact side and a stem

contact side located in the first opening of the stem housing between the stem and the flow housing area; and a slipping mechanism located between the handle and the stem.

Claim 7 (cancelled): A method of preventing the flow of fluids in equipment making biological or chemical therapeutics using pharmaceutical valves according to claim 1.

Claim 8 (withdrawn): A method of preventing the flow of fluids in equipment making biological or chemical therapeutics using pharmaceutical valves according to claim 2.

Claim 9 (withdrawn): A method of preventing the flow of fluids in equipment making biological or chemical therapeutics using pharmaceutical valves according to claim 3.

Claim 10 (withdrawn): A method of preventing the flow of fluids in equipment making biological or chemical therapeutics using pharmaceutical diaphragm valves according to claim 4.

Claim 11 (withdrawn): A method of preventing the flow of fluids in equipment making biological or chemical therapeutics using pharmaceutical valves according to claim 5.

Claim 12 (withdrawn): A method of preventing the flow of fluids in equipment making biological or chemical therapeutics using pharmaceutical valves according to claim 6.